

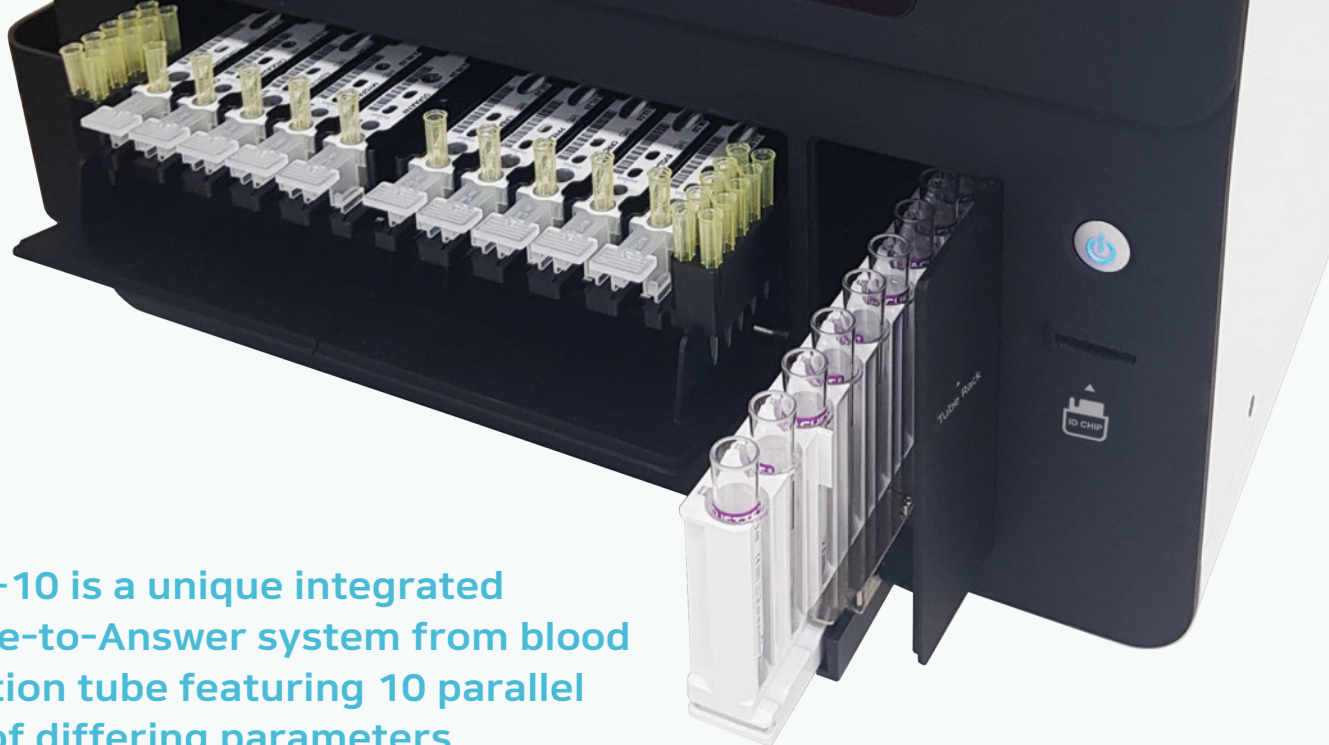


Automatic Fluorescence Immuno Assay System

AFIAS-10

- Automated process from blood collection tube
- 10 different tests in parallel
- STAT testing for emergency
- Bidirectional LIS/HIS





AFIAS-10 is a unique integrated Sample-to-Answer system from blood collection tube featuring 10 parallel tests of differing parameters

► **Fully automated diagnostic system**

- Sample loading to result
- PID barcode reading
- Various types of sample tube available
 - Blood collection tube (0.5 & 3 & 5 mL)
 - Microcentrifuge tube (0.5 & 1.5 mL)

► **Emergency test function**

- Emergency test first during regular test routine
- Processing the rest of the test routine after finishing emergency test

► **10 channels with 2 bays**

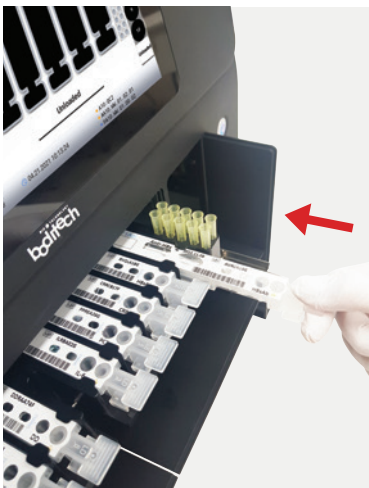
- Each bay can be operated separately
- 10 different tests in parallel
- Multi tests with one sample

► **Convenient data connectivity**

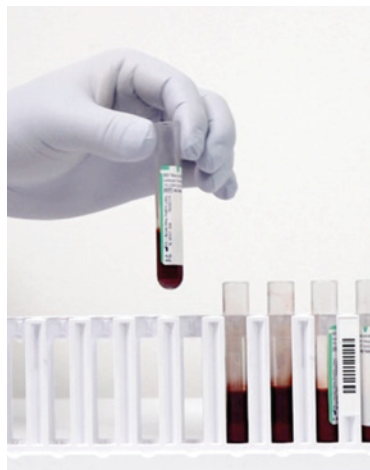
- Bidirectional LIS/HIS function
- Getting the medical order from clinicians directly

Simple procedure

1 Insert cartridge



2 Insert sample tube into tube rack



3 Insert tube rack into AFIAS-10



Automatic Fluorescence Immuno Assay System

AFIAS-10



All-in-One cartridge for AFIAS platform

- All the reagents for assay contained
- Over 50 test parameters
- Ready-to-use cartridge



AFIAS-10 can provide

- Convenient testing procedure to users
- High throughput results with various parameters
- Multi testing performance
- Prompt result derived from medical decision
- Quick transmission of medical information



Specifications

Model	AFIAS-10	Data Output	Internal Printer/RS232 port
Ordering Information	FPRR038	Operating temperature	15 – 35 °C
Dimensions	426 x 443 x 395 mm	Connectivity	<ul style="list-style-type: none">• RS232C• 3 USB port• 1 mini USB port• LAN port• SD card slot
Weight	20 kg		
Analyzer input	100~240V AC, 50/60Hz, 2.6-1.0 A		
User Interface	10.1" TFT LCD touch screen		

AFIAS Parameters

Category	Item	Sample type	Working range	Test time (min)
Cardiac	Tn-I Plus	WB/S/P	0.01-15.00 ng/mL	12
	CK-MB	WB/S/P	3-100 ng/mL	12
	D-Dimer	WB/P	50-10,000 ng/mL	12
	NT-proBNP	WB/S/P	10-30,000 pg/mL	12
	Myoglobin	WB/S/P	2-500 ng/mL	12
	Cardiac Triple	WB/S/P	Tn-I: 0.01-15 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL	12
	ST2	WB/S/P	3.1-200 ng/mL	12
	BNP	WB/S/P	10-20,000 pg/mL	12
Cancer	Troponin T	WB/S/P	5-5,000 pg/mL	12
	PSA	WB/S/P	0.5-100.0 ng/mL	15
	PSA Plus	WB/S/P	0.07-50 ng/mL	12
	AFP	WB/S/P	5-350 ng/mL	15
	AFP Plus	WB/S/P	0.5-350 ng/mL	12
	CEA	S/P	1-500 ng/mL	12
Diabetes	CEA Plus	WB/S/P	0.5-200 ng/mL	12
	HbA1c	WB	(NGSP) 4-15%	10
	Microalbumin	Urine	2-300 mg/L	12
Hormone	TSH	WB/S/P	0.09-80.0 µIU/mL (WB: 0.4-80.0 µIU/mL)	15
	TSH Plus	WB/S/P	0.08-50 µIU/mL	12
	T3	S/P	0.77-7.70 nmol/L	10
	T4	S/P	10.23-300.00 nmol/L	10
	FSH	WB/S/P	1-100 mIU/mL	12
	Total βhCG	WB/S/P	5-50,000 mIU/mL	15
	β-HCG Plus	WB/S/P	2-1,500 mIU/mL	12
	LH	WB/S/P	1-100 mIU/mL	12
	Progesterone	S/P	4.45-127.2 nmol/L (1.4-40 ng/mL)	15
	PRL	WB/S/P	1-100 ng/mL	10
	Testosterone	S/P	1-10 ng/mL	15
	Cortisol	WB/S/P	80-800 nmol/L	10
Infection	AMH	S/P	0.02-10 ng/mL	12
	COVID-19 Ab	WB/S/P	Qualitative	10
	COVID-19 Ag	Nasopharyngeal swab	Qualitative	12
	COVID-19/Flu Ag Combo	Nasopharyngeal swab	Qualitative	20
	COVID-19 nAb	WB/S/P	Qualitative	20
	CRP	WB/S/P	0.5-200 mg/L	3
	PCT	WB/S/P	0.1-100.0 ng/mL	12
	PCT Plus	WB/S/P	0.02-50 ng/mL	12
	IL-6	WB/S/P	2-2,500 pg/mL	12
	HBsAg	WB/S/P	Qualitative	12
	Anti-HBs	WB/S/P	Qualitative	15
	Anti-HCV	WB/S/P	Qualitative	12
	NORO	Feces	Qualitative	12
	ROTA	Feces	Qualitative	12
Autoimmune	Rota/Adeno	Feces	Qualitative	12
	Anti-CCP Plus	WB/S/P	3.2-300 U/mL (Semi-quantitative)	12
Other test items	Total IgE	WB/S/P	1-1,000 IU/mL	10
	Ferritin	S/P	10-1,000 ng/mL	10
	Vitamin D	S/P	8-70 ng/mL	28
	Infliximab	WB/S/P	0.2-50 µg/mL	10
	Total Anti-Infliximab	S/P	8-250 AU/mL	22